# 2006 Bulletin Index
# Volume 93

## *Regular Features**

### Text:


**U.S. Weather Highlights** ..... w/s
**U.S. Weather and Crop Summary** ..... m
**National Agricultural Summary** ..... w
**Spring Wheat** (April - September) ..... w
**Rice** (April - November) ..... w
**Sorghum** (April - November) ..... w
**Corn** (April - November) ..... w
**Cotton** (April - November) ..... w
**Oats** (April - September) ..... w
**Barley** (April - September) ..... w
**Peanuts** (April - November) ..... w
**Soybeans** (May - November) ..... w
**Winter Wheat** (September - November and April - August) ..... w
**Sugar Beets** (April - May and September - November) ..... w
**Sunflowers** (May - June and September - November) ..... w
**U.S. Crop Production Highlights** ..... m
**State Summaries of Weather and Agriculture** (April - November) ..... w
**State Summaries of Weather and Agriculture** (December - March) ..... m
**Water Supply Forecast for the Western United States** (January - May) ..... m
**International Weather and Crop Summary** ..... w/m
**NWS/CPC ENSO (El Niño/Southern Oscillation) Updates** ..... m


### National Charts:


**Precipitation** ..... w/m/s
**Percent of Normal Precipitation** ..... m/s
**Average Temperature** ..... m/s
**Departure of Average Temperature from Normal** ..... w/m/s
**Extreme Minimum Temperature** (September - April) ..... w
**Extreme Maximum Temperature** (April - September) ..... w
**Snow Depth** (December - March) ..... w
**Average Soil Temperature, 4-Inch Depth, Bare Soil** (March - June) ..... w
**Pan Evaporation Map** (May - September) ..... w
**Growing Degree Days** (May - October) ..... w
**Crop Moisture Index** (April - October) ..... w
**Palmer Drought Severity Index** (April - October) ..... w
**Additional Precipitation Needed to End Drought** (April - October) ..... w
**Drought Monitor** ..... w
**NWS/CPC Seasonal Drought Outlook** ..... m


### International Charts (major crop areas):


**Precipitation** ..... w/m
**Percent of Normal Precipitation** ..... m
**Average Temperature** ..... m
**Departure of Average Temperature from Normal** ..... m


### National Tabulations:


**Weather Data for Selected Cities** ..... w
**Precipitation and Temperature** ..... m/s
**Crop Progress: Planting, Development, Harvesting** (April - November) ..... w
**Crop Condition** (April - November) ..... w
**Pasture and Range Condition** (May - October) ..... w


### International Tabulation:


**Precipitation and Temperature** ..... m


* **w** = weekly, **m** = monthly, **s** = seasonal (published every March, June, September, and December for the preceding 3 months)

# *Special Features*


## Satellite Images & U.S. Charts/Tabulations:

| | Bulletin No. | Page |
|---|---|---|
| Satellite Image of West Coast Storm, December 31; Comparison to 1996-97 | 1 | 1 |
| Satellite Image of Southern Plains' Dust Storm and Wildfires, January 1 | 2 | 1 |
| Percent of Normal Precipitation, January-December 2005 | 3 | 1 |
| 2005 Precipitation and Temperature Maps | 3 | 15 |
| 2005 Precipitation Summary | 3 | 20 |
| Temperature Departure from Normal, December 23, 2005 - January 21, 2006 | 4 | 1 |
| Percent of Normal Precipitation, October-December 2005 | 4 | 6 |
| Satellite Image of Eastern Pacific Storminess, January 31 | 5 | 1 |
| Selected Temperature and Rainfall Records, Autumn/Winter 2005-06 | 5 | 3 |
| Satellite Image of Eastern Storm, February 4 | 6 | 1 |
| Satellite Image of Northeastern Snow Storm, February 12 | 7 | 1 |
| Satellite Image of Snow Cover in the Nation's Mid-Section, February 18 | 8 | 1 |
| Extreme Minimum Wind Chill Temperature, February 12-18 | 8 | 5 |
| Satellite Image of Eastern Pacific Storminess, February 27 | 9 | 1 |
| Temperature and Precipitation Graphs and Tables | 9 | 6 |
| Satellite Image of Severe Thunderstorm and Wildfire Smoke, March 12 | 11 | 1 |
| Satellite Image of Pacific Storms from Hawaii to the West Coast, March 16 | 12 | 1 |
| Satellite Image of Snow Cover on the Plains, March 24 | 13 | 1 |
| Satellite Image of Severe Thunderstorms in the Mid-South, April 2 | 14 | 1 |
| Satellite Image of Severe Thunderstorms in the Mid-South, April 7 | 15 | 1 |
| Satellite Image of Unsettled Weather Approaching California, April 11 | 16 | 1 |
| Minimum Temperatures in Winter Wheat Areas, April 26 | 18 | 5 |
| Satellite Image of Hail-Producing Thunderstorms in Texas, May 4 | 19 | 1 |
| Satellite Image of Pesky Storm Over the Great Lakes Region, May 13 | 20 | 1 |
| Satellite Image of Storminess in the Western Gulf Coast Region, May 31 | 23 | 1 |
| Satellite Images of June Nor'easter, June 7, and T.S. Alberto, June 12 | 24 | 1 |
| Satellite Image of Tropical Storm Alberto, June 13 | 25 | 1 |
| Satellite Image of Ingredients for Eastern Deluge, June 26 | 26 | 1 |
| Satellite Images of Eastern Storm Train, June 24-27 | 27 | 1 |
| Selected Northeastern Flood Records | 27 | 10 |
| Number of Days with Maximum Temperatures ≥ 95°F, July 1 - 16 | 29 | 1 |
| Satellite Images of California Smoke Plume, July 13, and T.S. Beryl, July 20 | 30 | 1 |
| Selected Heat Wave Records, June-July 2006 | 30 | 8 |
| Satellite Image of Gulf Coast Low, July 26, and Daniel's Remnants, July 28 | 31 | 1 |
| Number of July Days with Maximum Temperatures ≥ 95°F and 100°F | 31 | 6 |
| Selected Heat Wave Records, Summer 2006 | 33 | 10 |
| Satellite Image of Disturbance Near the Georgia Coast, August 18 | 34 | 1 |
| Satellite Image of T.S. Ernesto Nearing North Carolina, August 31 | 36 | 1 |
| Tropical Storm Ernesto Track and Rainfall Map | 36 | 6 |
| Satellite Image of Hurricane Florence Grazing Bermuda, September 11 | 37 | 1 |
| Map of Average Dates of First Autumn Freeze | 39 | 13 |
| Satellite Image of E. Pacific Tropical Storms Olivia and Norman, October 10 | 41 | 1 |
| Satellite Image of Autumn's First Significant Cold Front, October 11 | 42 | 1 |
| Satellite Image of Storm Covering the Eastern Half of the U.S., October 27 | 44 | 1 |
| Satellite Image of Tropical Connection to Northwestern Rain, November 6 | 45 | 1 |
| Monthly Record High Temperatures, November 6-10 | 46 | 2 |
| Preliminary State-Record Maximum 24-Hour Precipitation, November 6-7 | 46 | 2 |
| Selected Northwestern Flood Crest Records, November 6-7 | 46 | 2 |
| Satellite Images of Severe Southeastern Thunderstorms, November 15-16 | 47 | 1 |
| Satellite Image of Southeastern Coastal Storm, November 22 | 48 | 1 |
| Satellite Images of Snow and Ice Storm, November 30 - December 1 | 49 | 3 |

## U.S. Summaries:

| | | |
|---|---|---|
| "2005 U.S. Weather Review" | 3 | 11 |
| "2005 U.S. Fieldwork Highlights" | 3 | 16 |
| "2005 U.S. Crop Production Highlights" | 3 | 18 |
| "New York City Snowfall Update" | 13 | 3 |
| "U.S. Prospective Planting Highlights" | 14 | 5 |
| "U.S. Acreage Highlights" | 27 | 10 |
| "Small Grains 2006 Summary" | 40 | 7 |

## International Summaries:

| | | |
|---|---|---|
| "Argentine Heat Wave Highlights, January 1-9" | 2 | 19 |
| "Bitterly Cold Weather Grips Europe and the Former USSR" | 5 | 15 |
| "2006/07 Winter Grain Prospects in the Northern Hemisphere" | 20 | 28 |
| "Image of Northwestern Pacific Tropical Cyclones Bopha, Maria, and Saomai" | 33 | 1 |
| "El Niño Returns" | 38 | 17 |
| "Image and Track of Typhoon Xangsane" | 40 | 29 |
| "Images of Philippine Typhoons: Cimaron, Chebi, and Durian" | 49 | 1 |
| "Record Warmth Observed in Europe" | 51 | 26 |